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TRANSMITTAL FORM

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		Application Number	09/912,818
		Filing Date	July 24, 2001
		First Named Inventor	Daniel Pinkel
		Group Art Unit	1637
		Examiner Name	J. Fredman
Total Number of Pages in This Submission	13	Attorney Docket Number	407E-914026US

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> receipt acknowledgment postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
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Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Emily M. Haliday, Reg. No. 38,903, Quine Intellectual Property Law Group, P.C.
Signature	
Date	July 22, 2004

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By: Amelia Weintraub
Amelia Weintraub

Atty Docket No: 407E-914026US
Client Ref: 92-005-C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Daniel J. Pinkel; Joe W. Gray; Anne Kallioniemi; Olli-Pekka Kallioniemi; Frederic Waldman

Application No.: 09/912,818

Filed: 7/24/2001

For: **Detection of Chromosomal Abnormalities Associated with Breast Cancer**

Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

Examiner: Fredman, J.

Art Unit: 1655

AMENDMENT/RESPONSE

Dear Sir:

In response to the Final Office Action dated April 22, 2004, Applicants respectfully request reconsideration of the above-identified application in view of the following remarks.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.